



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of  
Inventor(s): Mills

Group Art Unit: 2881

Appln. No.: 09/513,768

Examiner: Wells

Filing Date: 2/25/2000

Title: ION CYCLOTRON POWER CONVERTER  
AND RADIO MICROWAVE GENERATOR

\* \* \* \*

April 28, 2005

THIRD REQUEST TO HAVE AUGUST 19, 2004 INFORMATION DISCLOSURE  
STATEMENT CONSIDERED AND NEW INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant now requests for the third time that the Examiner fully consider the Information Disclosure Statement filed August 19, 2004. A second request to consider that Information Disclosure Statement was filed on September 29, 2004. Applicant also renews his previous request that the Information Disclosure Statement filed September 29, 2004 be fully considered, along with the new Information Disclosure Statement filed herewith.

Attached are PTO/SB/O8B forms listing the enclosed documents. Copies of the enclosed documents are attached to the presently filed Information Disclosure Statement and/or to the Attachments to the Response filed herewith.

If necessary, please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-0687 under Order No. 27462/62-226 for which purposes this paper is submitted in duplicate.

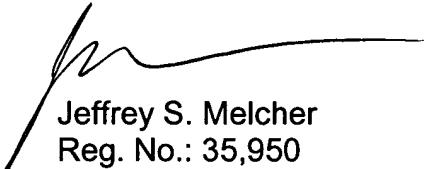
This Information Disclosure Statement is intended to fully comply with the rules, but should the Examiner find any part of its required content to have been omitted,

prompt notice that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to fully comply.

Consideration of the foregoing and enclosures, including return of a copy of the attached PTO/SB/08A and B forms with the Examiner's initials in the left column per MPEP § 609, and an early action on the merits of this application are earnestly solicited.

Respectfully submitted,  
Manelli Denison & Selter PLLC

By



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Customer No. 20736

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
				Application Number	09/513,768
				Filing Date	02/25/2000
				First Named Inventor	Mills
				Group Art Unit	2881
				Examiner Name	Wells, Nikita
Sheet	1		3	Attorney Docket Number	62-226-ION

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examinee r Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	58	R. L. Mills, "Classical Quantum Mechanics," Physics Essays, in press. ( <i>Web Publication Date: May 23, 2002.</i> )			
	60	R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, "Synthesis of HDLC Films from Solid Carbon," Journal of Materials Science, in press. ( <i>Web Publication Date: May 3, 2002.</i> )			
	77	J. Phillips, R. L. Mills, X. Chen, "Water Bath Calorimetric Study of Excess Heat in 'Resonance Transfer' Plasmas," J. Appl. Phys., Vol. 96, No. 6, (2004) 3095–3102. ( <i>Web Publication Date: June 16, 2003.</i> )			
	80	R. L. Mills, "The Fallacy of Feynman's Argument on the Stability of the Hydrogen Atom According to Quantum Mechanics," Annales de la Fondation Louis de Broglie, submitted. ( <i>Web Publication Date: Jan. 27, 2003.</i> )			
	81	R. Mills, P. Ray, B. Dhandapani, W. Good, P. Jansson, M. Nansteel, J. He, A. Voigt, "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalysts," European Physical Journal: Applied Physics, 28, (2004), 83–104. ( <i>Web Publication Date: Feb. 21, 2003.</i> )			
	88	R. Mills, J. Sankar, A. Voigt, J. He, P. Ray, B. Dhandapani, "Role of Atomic Hydrogen Density and Energy in Low Power CVD Synthesis of Diamond Films," Thin Solid Films, 478, (2005) 77–90. ( <i>Web Publication Date: Dec. 22, 2003.</i> )			
	94	R. L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," Physics Essays, in press. ( <i>Web Publication Date: Aug. 6, 2003.</i> )			
	96	J J. Phillips, C.K. Chen, R. L. Mills, "Evidence of the Production of Hot Hydrogen Atoms in RF Plasmas by Catalytic Reactions Between Hydrogen and Oxygen Species," Spectrochimica Acta Part B: Atomic Spectroscopy, submitted. ( <i>Web Publication Date: Sept. 12, 2003.</i> )			
	97	R. L. Mills, P. Ray, B. Dhandapani, "Evidence of an Energy Transfer Reaction Between Atomic Hydrogen and Argon II or Helium II as the Source of Excessively Hot H Atoms in RF Plasmas," Journal of Plasma Physics, in press. ( <i>Web Publication Date: Sept. 26, 2003.</i> )			
	98	R. L. Mills, Y. Lu, J. He, M. Nansteel, P. Ray, X. Chen, A. Voigt, B. Dhandapani, "Spectral Identification of New States of Hydrogen," New Journal of Chemistry, submitted. ( <i>Web Publication Date: Nov. 18, 2003.</i> )			

Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
				Application Number	09/513,768
				Filing Date	02/25/2000
				First Named Inventor	Mills
				Group Art Unit	2881
				Examiner Name	Wells, Nikita
Sheet	2	of	3	Attorney Docket Number	62-226-ION

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
*(use as many sheets as necessary)*

APR 28 2005  
 O I P E  
 PATENT & TRADEMARK OFFICE

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	100	R. Mills, B. Dhandapani, J. He, "Highly Stable Amorphous Silicon Hydride from a Helium Plasma Reaction," Materials Chemistry and Physics, submitted. ( <i>Web Publication Date: Nov. 17, 2003.</i> )		
	102	R. L. Mills, "Exact Classical Quantum Mechanical Solutions for One- through Twenty-Electron Atoms," Phys. Essays, submitted. ( <i>Web Publication Date: April 22, 2004.</i> )		
	103	R. L. Mills, Dhandapani, W. Good, J. He, "New States of Hydrogen Isolated from K <sub>2</sub> CO <sub>3</sub> Electrolysis Gases," Electrochim. Acta, submitted. ( <i>Web Publication Date: April 28, 2004.</i> )		
	104	R. L. Mills, Y. Lu, M. Nansteel, J. He, A. Voigt, W. Good, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Advances in Hydrogen Energy, 228th American Chemical Society National Meeting, August 22–26, 2004, Philadelphia, PA.		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	3	of	3	Attorney Docket Number	62-226-ION
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	105	J. Phillips, C. K. Chen, R. L. Mills, "Evidence of Catalytic Production of Hot Hydrogen in RF-Generated Hydrogen/Argon Plasmas," IEEE Transactions on Plasma Science, submitted. ( <i>Web Publication Date: September 7, 2004.</i> )			T <sup>2</sup>
	106	R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium which Predicts Conjugate Parameters from a Unique Solution for the First Time," Foundations of Science, submitted. ( <i>Web Publication Date: October 28, 2004.</i> )			
	107	R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," Physica Scripta, submitted. ( <i>Web Publication Date: October 28, 2004.</i> )			
	108	. R. L. Mills, J. He, M. Nansteel, B. Dhandapani, "Catalysis of Atomic Hydrogen to New Hydrides as a New Power Source," International Journal of Global Energy Issues (IJGEI). Special Edition in Energy System, submitted. ( <i>Web Publication Date: April 4, 2005.</i> )			
	109	R. L. Mills, M. Nansteel, J. He, B. Dhandapani, "Low-Voltage EUV and Visible Light Source Due to Catalysis of Atomic Hydrogen," J. Plasma Physics, submitted. ( <i>Web Publication Date: April 15, 2005.</i> )			
	110	R. L. Mills, J. He, Z. Chang, W. Good, Y. Lu, B. Dhandapani, "Catalysis of Atomic Hydrogen to Novel Hydrides as a New Power Source," Prepr. Pap.—Am. Chem. Soc., Div. Fuel Chem. 2005, 50(2). ( <i>Web Publication Date: April 22, 2005.</i> )			
	S	Souw, Bernard, "Coherent Telescope array with self-homodyne interferometric detection for optical communications," Opt. Eng. 42(11) 3139-3157 (Nov. 2003); U.S. Department of Commerce, Summary of Ethics Rules, USPTO, 2000; October 15, 2004 E-mail to Examiner Wayner (Attachment S)			

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